

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/573,215
Source: TFWP
Date Processed by STIC: 04/06/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,215

TIME: 11:01:53

Input Set : A:\22307US.ST25.txt

Output Set: N:\CRF4\04062006\J573215.raw

```

3 <110> APPLICANT: Christian Birkner
4      Christine Markert-Hahn
5      Herbert von der Eltz
7 <120> TITLE OF INVENTION: Improved method for bisulfite treatment
9 <130> FILE REFERENCE: 22307 US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/573,215
C--> 12 <141> CURRENT FILING DATE: 2006-03-24
W--> 14 <150> PRIOR APPLICATION NUMBER:
W--> 15 <151> PRIOR FILING DATE:
17 <160> NUMBER OF SEQ ID NOS: 3
19 <170> SOFTWARE: PatentIn version 3.2
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 20
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
26 <400> SEQUENCE: 1
27 gggactccag ggcgcccctc                                20
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 20
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 2
36 gaggggcgcc ctggagtcctc                                20
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 4261
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapiens
44 <300> PUBLICATION INFORMATION:
45 <301> AUTHORS: Morrow et al.
46 <302> TITLE: Structure of the human genomic glutathion S-transferase pi gene
47 <303> JOURNAL: Genes and Development
48 <304> VOLUME: 75
49 <306> PAGES: 3-11
50 <307> DATE: 1989-01-01
52 <300> PUBLICATION INFORMATION:
53 <308> DATABASE ACCESSION NO: M24485
54 <309> DATABASE ENTRY DATE: 2000-03-04
55 <313> RELEVANT RESIDUES: (1)..(4261)
57 <300> PUBLICATION INFORMATION:
58 <302> TITLE: Genetic Diagnosis of Prostate cancer
59 <310> PATENT DOC NO: US5,552,277
60 <311> PATENT FILING DATE: 1994-07-19
61 <312> PUBLICATION DATE: 1996-09-03

```

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,215

TIME: 11:01:53

Input Set : A:\22307US.ST25.txt

Output Set: N:\CRF4\04062006\J573215.raw

62 <313> RELEVANT RESIDUES: (1)..(4261)

65 <220> FEATURE:

66 <221> NAME/KEY: misc_signal

67 <222> LOCATION: (1156)..(1162)

68 <223> OTHER INFORMATION: transcription regulatory motif; putative

70 <220> FEATURE:

71 <221> NAME/KEY: GC_signal

72 <222> LOCATION: (1169)..(1174)

74 <220> FEATURE:

75 <221> NAME/KEY: GC_signal

76 <222> LOCATION: (1179)..(1184)

78 <220> FEATURE:

79 <221> NAME/KEY: GC_signal

80 <222> LOCATION: (1194)..(1198)

82 <220> FEATURE:

83 <221> NAME/KEY: GC_signal

84 <222> LOCATION: (1225)..(1254)

86 <220> FEATURE:

87 <221> NAME/KEY: GC_signal

88 <222> LOCATION: (4041)..(4046)

90 <400> SEQUENCE: 3

```

91 aacaagagat caatatctag aataaatgga gatctgcaaa tcaacagaaa gtaggcagca      60
93 aagccaaaga aaatagccta aggcacagcc actaaaagga acgtgatcat gtcctttgca      120
95 gggacatggg tggagctgga agccgttagc ctcagcaaac tcacacagga acagaaaacc      180
97 agcgagaccg catggtctca cttataagtg ggagctgaac aatgagaaca catggtcaca      240
99 tggcggggat caacacacac tgggtgcctgt tgagcggggt gctggggagg gagagtacca      300
101 ggaagaatag ctaagggata ctgggcttaa tacctgggtg atgggatgat ctgtacagca      360
103 aaccatcatg gcgcacacac ctatgtaaca aacctgcaca tcctgcacat gtaccccaga      420
105 acttcaaata aaagttggac ggccaggcgt ggtggctcac gcctgtaatc ccagcacttt      480
107 ggggaagcga ggcgtgcaga tcacctaaag tcaggagtgc gagaccagcc cggccaacat      540
109 ggtgaaaccc cgtctctact aaaaatacaa aaatcagcca gatgtggcac gcacctataa      600
111 ttccacctac tcgggaggct gaagcagaat tgcttgaacc cgagaggcgg aggttgcagt      660
113 gagccgccga gatcgcgcca ctgcactcca gcctgggcca cagcgtgaga ctacgtcata      720
115 aaataaaata aaataacaca aaataaaata aaataaaata aaataaaata aaataataaa      780
117 ataaaataaa ataaaataaa ataaaataaa ataaagcaat ttcctttcct ctaagcggcc      840
119 tccacccctc tcccctgccc tgtgaagcgg gtgtgcaagc tccgggatcg cagcggctct      900
121 agggaatttc cccccgcgat gtcccggcgc gccagttcgc tgcgcacact tcgctgcggt      960
123 cctcttcctg ctgtctgttt actccctagg ccccgctggg gacctgggaa agaggggaaag      1020
125 gcttcccccg ccagctgcgc ggcgactccg gggactccag ggcgcccctc tgcggccgac      1080
127 gcccgggggt cagcggccgc cggggctggg gccggcgagg gtccgcggga ccctccagaa      1140
129 gagcggccgg cgccgtgact cagcactggg gcggagcggg gcgggaccac ccttataagg      1200
131 ctcgaggagg gcgaggcctt cgtggagtt tcgcccgcgc agtcttcgcc accagtgagt      1260
133 acgcgcggcc cgctccccgg ggatggggct cagagctccc agcatggggc caaccgcgag      1320
135 catcaggccc gggctcccgg cagggtcctt cgcccacctc gagaccgggg acgggggcct      1380
137 aggggaccca ggacgtcccc agtgccgtta gcggctttca gggggccccg agcgccctcg      1440
139 ggagggatgg gaccgcgggg gcggggaggg ggggacggct gcgctcaccg cgccctggca      1500
141 tcctcccccg ggctccagca aacttttctt tgctcgctgc agtgccgccc tacaccgtgg      1560
143 tctatttccc agttcgaggt aggagcatgt gtctggcagg gaaggggagg agggggctgg      1620
145 gctgcagccc acagcccctc gcccacccgg agagatccga acccccttat ccctccgtcg      1680

```

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,215

TIME: 11:01:53

Input Set : A:\22307US.ST25.txt

Output Set: N:\CRF4\04062006\J573215.raw

147	tgtggctttt	accccgggcc	tccttcctgt	tccccgcctc	tcccgccatg	cctgctcccc	1740
149	gccccagtgt	tgtgtgaaat	cttcggagga	acctgtttac	ctgttccttc	cctgcactcc	1800
151	tgaccctcc	ccgggttgct	gcgaggcgga	gtcggcccgg	tccccacatc	tcgtacttct	1860
153	ccctccccgc	aggccgctgc	gcggccctgc	gcatgctgct	ggcagatcag	ggccagagct	1920
155	ggaaggagga	ggtggtgacc	gtggagacgt	ggcaggaggg	ctcactcaaa	gcctcctgcg	1980
157	taagtgacca	tgccccgggca	agggggagggg	gtgctggggc	ttagggggct	gtgactagga	2040
159	tcgggggacg	cccaagctca	gtgcccctcc	ctgagccatg	cctcccccaa	cagctatacg	2100
161	ggcagctccc	caagttccag	gacggagacc	tcaccctgta	ccagtccaat	accatcctgc	2160
163	gtcacctggg	ccgcaccctt	ggtgagtcct	gaacctccaa	gtccagggca	ggcatgggca	2220
165	agcctctgcc	cccgagagccc	ttttgtttaa	atcagctgcc	ccgcagccct	ctggagtggga	2280
167	ggaaactgag	accactgag	gttacgtagt	ttgcccaagg	tcaagcctgg	gtgcctgcaa	2340
169	tccttgccct	gtgccaggct	gcctcccagg	tgtcaggtag	gctctgagca	cctgctgtgt	2400
171	ggcagtcctc	catcttcca	cgcacatcct	cttcccctcc	tcccaggctg	gggtccacag	2460
173	acagccccct	ggttgggcca	tccccagtag	ctgtgtgttg	atcaggcgcc	cagtcacgcg	2520
175	gcctgctccc	ctccacccaa	ccccagggct	ctatgggaag	gaccagcagg	aggcagccct	2580
177	ggtggacatg	gtgaatgacg	gcgtggagga	cctccgctgc	aaatacatct	ccctcatcta	2640
179	caccaactat	gtgagcatct	gcaccagggt	tgggcactgg	gggctgaaca	aagaaagggg	2700
181	cttcttgctg	cctcaccccc	cttacccttc	aggtggcttg	ggctgacccc	ttcttgggct	2760
183	aggtgacagg	ggctgggtca	gctctggggc	agggggccag	gggcctggga	caagacacaa	2820
185	cctgcaccct	tattgcctgg	gacatcaacc	agccaagtaa	cgggtcatgg	gggcgagtg	2880
187	aaggacagag	acctccagca	actggtggtt	tctgatctcc	tggggtggcg	agggtctcct	2940
189	ggagtagcca	gaggtggagg	aggatttgct	gccagtttct	ggatggagggt	gctggcactt	3000
191	ttagctgagg	aaaatatgca	gacacagagc	acatttgggg	acctgggacc	agttcagcag	3060
193	aggcagcgtg	tgtgcgcgtg	cgtgtgcgtg	tgtgtgcgtg	tgtgtgtgta	cgcttgcat	3120
195	tgtgtcgggt	gggtaaggag	atagagatgg	gcgggcagta	ggcccagggt	ccgaaggcct	3180
197	tgaaccact	ggtttggagt	ctcctaaggg	caatgggggc	cattgagaag	tctgaacagg	3240
199	gctgtgtctg	aatgtgaggt	ctagaaggat	cctccagaga	agccagctct	aaagcttttg	3300
201	caatcatctg	gtgagagaac	ccagcaagga	tggacaggca	gaatggaata	gagatgagtt	3360
203	ggcagctgaa	gtggacagga	tttggtacta	gcctgggtgt	ggggagcaag	cagaggagaa	3420
205	tctgggactc	tgggtgtctg	cctggggcag	acgggggtgt	ctcaggggct	gggagggatg	3480
207	agagtaggat	gatacatggt	ggtgtctggc	aggaggcggg	caaggatgac	tatgtgaagg	3540
209	cactgcccgg	gcaactgaag	ccttttgaga	ccctgctgtc	ccagaaccag	ggaggcaaga	3600
211	ccttcattgt	gggagaccag	gtgagcatct	ggccccatgc	tgttccttcc	tcgccaccct	3660
213	ctgcttccag	atggacacag	gtgtgagcca	tttgtttagc	aaagcagagc	agacctagg	3720
215	gatgggctta	ggccctctgc	ccccaatctc	tccagcctgc	tcccgtggc	tgagtcccta	3780
217	gccccctgc	cctgcagatc	tccttcgctg	actacaacct	gctggacttg	ctgctgatcc	3840
219	atgaggtcct	agccccctgg	tgccctggatg	cgttccccct	gctctcagca	tatgtggggc	3900
221	gcctcagtg	ccggccccag	ctcaaggcct	tcctggcctc	ccctgagtag	gtgaacctcc	3960
223	ccatcaatgg	caacgggaaa	cagtgagggt	tggggggact	ctgagcggga	ggcagagttt	4020
225	gccttccttt	ctccaggacc	aataaaat	ctaagagagc	tactatgagc	actgtgtttc	4080
227	ctgggacggg	gcttaggggt	tctcagcctc	gaggtcgggt	ggagggcaga	gcagaggact	4140
229	agaaaacagc	tcctccagca	cagtcaagtgg	cttcctggag	ccctcagcct	ggctgtgttt	4200
231	actgaacctc	acaaactaga	agaggaagaa	aaaaaaagag	agagagaaac	aaagagaaat	4260
233	a						4261

VERIFICATION SUMMARY

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,215

TIME: 11:01:54

Input Set : A:\22307US.ST25.txt

Output Set: N:\CRF4\04062006\J573215.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:14 M:256 W: Invalid Numeric Header Field, <150> PRIOR APPLICATION NUMBER:
L:15 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD